

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Development of Secondary drains territorial drains at ward no.12 Shettyhalli, in Shettyhalli Sub Division.

Job Code-012-17-000040

Est. Cost Rs.100.00 Lakhs

SI No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m, excavated surface leveled & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. P. No. 142/ It No. 19.1/ PWD SR 2016-17								
	For drain	Cum							
	Abbigere Appayanna L/O main road		2	165.00	1.20	1.00	396.00		
	cross roads		3	80.00	1.20	1.00	288.00		
	Abbigere Lakshmi Temple road		1	335.00	1.20	1.10	442.20		
	cross road		2	149.00	1.20	1.00	357.60		
	For culverts		7	6.00	1.65	1.00	69.30		
							1553.10	175.96	273283.00
	Basic Rate	82.00							
	add loading & unloading charges	68.00							
	lead for 5 km=5*1.28*2.5	16.00							
	Total	166.00							
	add AW 6%	9.96							
		175.96							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
	Abbigere Appayanna L/O main road	cum	2	165.00	1.20	0.15	59.40		
	cross roads		3	80.00	1.20	0.15	43.20		
	Abbigere Lakshmi Temple road		1	335.00	1.20	0.15	60.30		
	cross road		2	149.00	1.20	0.15	53.64		
	For culverts		7	6.00	1.65	0.15	10.40		

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	Basic Rate	4867.00					226.94	5159.02	1170762.00
	Add A.W 6%	292.02							
	Total	5159.02							
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2016-17								
	For drain bottom	Cum							
	Abbigere Appayanna L/O main road	2	165.00	1.00	0.15	49.50			
	cross roads	3	80.00	1.00	0.15	36.00			
	Abbigere Lakshmi Temple road	1	335.00	1.00	0.15	50.25			
	cross road	2	149.00	1.00	0.15	44.70			
	side wall								
	Abbigere Appayanna L/O main road	4	165.00	0.15	0.70	69.30			
	cross roads	6	80.00	0.15	0.60	43.20			
	Abbigere Lakshmi Temple road	2	335.00	0.15	0.90	90.45			
	cross road	4	149.00	0.15	0.70	62.58			
						445.98			
	culvert bottom	7	6.00	1.65	0.15	10.40			
	culvert side wall	14	6.00	0.35	0.70	20.58			
	culvert deck slab	7	6.00	1.50	0.23	14.49			
						45.47			
						491.45	6371.66	3131320.00	
	Basic Rate	6011.00							
	Add A.W 6%	360.66							
	Total	6371.66							

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KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth chis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.15/ Item No. 4.31/ PWD SR 2016-17									
Abbigere Appayanna L/O main road	sqm	2X4	165.00		0.75	990.00			
cross roads		3X4	80.00		0.60	576.00			
Abbigere Lakshmi Temple road		4	335.00		0.90	1206.00			
cross roads		2X4	149.00		0.70	834.40			
Culverts		7X4	6.00		0.75	126.00			
Deck slab		7	6.00		0.60	25.20			
sides		7	15.00		0.23	24.15			
Basic Rate	293.00					3781.75	310.58		1174536.00
Add A.W 6%	17.58								
Total	310.58								
5 KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17									
For drain	Tonnes		445.98	x	60kgs	26758.80			
For culverts			45.47	x	80kgs	3637.20			
						30396.00	kgs		
				say		30.40	64243.00		1952730.00
Basic Rate	60607.00								
Add A.W 6%	3636.42								
Total	64243.42								
6 Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specifications.									
Abbigere Appayanna L/O main road	Sqm	2	165.00		0.90	297.00			
cross roads		3	80.00		0.90	216.00			
Abbigere Lakshmi Temple road		1	635.00	322	0.90	301.50	289.80		
cross roads		2	149.00		0.90	268.20			
Approved Rate of Precast slab	1680.00					1082.70	1680.00		1818936.00
	1698.00					1071.00	1698.00		1818558.00

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								Sub Total	9521189.60 9521567.00
7	Add.Tender Primium 5%								476059.60 476078.35
10	Miscellaneous and unforeseen charges								9752.46 2355
								Total	10000000.00
(Rupees One hundred lakhs only)									

CERTIFICATE

- 1 The Work spot has been inspected and the work found to be necessary
- 2 The Estimate is prepared as per the PWD SR 2016-17
- 3 The Provision made in estimate are adequate and essential
- 4 This area comes under BBMP limits.


Asst Engineer
Ward No-12


Asst Executive Engineer
Shettyhalli Sub-Division
BBMP


Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EE/DD/AS/146/12-18 ದಿನಾಂಕ: 26.9.17
ರೂ. Rs. 100.00 Lakh (one hundred lakh only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅನುಸಾರವಾಗಿ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಧೀಯಂತರು
ವಿ.ವಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ಬಾಂಟ್ಲೆ ರಸ್ತೆ

ನಂ. CE/TS/196/17-18 ದಿನಾಂಕ: 26/09/2017
ರೂ. Rs. 100.00 Lakh only (—)
ಗೃಹ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಜಿ.ಜಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.